



Materials Letters 30 (1997) 415-422

Author index to volume 30

Adak, A.K. and P. Pramanik, Synthesis and characterization of lanthanum aluminate	
powder at relatively low temperature	30 (1997) 269
Ahmed, M.A., see Wahab, S.M.A.	30 (1997) 183
Ainger, F.W., see Erdei, S.	30 (1997) 389
Alarco, J.A., see Bhargava, A.	30 (1997) 199
Andreu, J., see Peiró, D.	30 (1997) 239
Antolini, E. and M. Ferretti, Structural change of Li _x Ni _{1-x} O during synthesis	30 (1997) 59
Arrando, F., see Peiró, D.	30 (1997) 239
Asomoza, M., see Lopez, T.	30 (1997) 279
Atmani, H., see Grognet, S.	30 (1997) 253
Atrens, A., see Skennerton, G.	30 (1997) 141
Barb, D., see Sorescu, M.	30 (1997) 235
Barry, J.C., see Yamashita, T.	30 (1997) 223
Basumallick, A., K. Biswas, S. Mukherjee and G.C. Das, Preparation of Co and Fe	
nanocomposites in SiO ₂ matrices	30 (1997) 363
Bates Jr., C.W., Preparation of metal-semiconductor composite films by chemical spray	
pyrolysis	30 (1997) 87
Bertomeu, J., see Peiró, D.	30 (1997) 239
Bhalla, A.S., see Jin, B.M.	30 (1997) 385
Bhalla, A.S., see Wang, J.F.	30 (1997) 47
Bhargava, A., J. Schwartz, J.A. Alarco, I.D.R. Mackinnon, Y.R. Sun and T. Yamashita,	
Progress towards slip-casting YBa ₂ Cu ₃ O _{7-x} monoliths	30 (1997) 199
Bhargava, A., see Yamashita, T.	30 (1997) 223
Bhattacharya, A.K., K.K. Mallick and A. Hartridge, Phase transition in BiVO ₄	30 (1997) 7
Bigioni, T.P., see Murthy, S.	30 (1997) 321
Bing, Y.H., D. Xu, D.R. Yuan, M.G. Liu, W.B. Hou, X. Yin, S.Y. Sun, H.J. Zhang, H.Y.	
Xu, Q. Zhang, S.Y. Guo and M.H. Jiang, Study on thermal characterization of Zn-doped	
KNbO ₃ crystals	30 (1997) 315
Biswas, K., see Basumallick, A.	30 (1997) 363
Biswas, P.K., see Jana, S.	30 (1997) 53
Bosch, P., see Lopez, T.	30 (1997) 279
Brand, R.A., see Sorescu, M.	30 (1997) 235
Cerri, J.A., see Muccillo, R.	30 (1997) 125
Cha, JW., see Jung, HR.	30 (1997) 41
Cha, J.W., see Kwon, T.Y.	30 (1997) 293

Elsevier Science B.V.

Cha, M., see Kwon, T.Y.	30 (1997) 293
Chakrabarti, N. and H.S. Maiti, Chemical synthesis of PZT powder by auto-combustion of	
citrate-nitrate gel	30 (1997) 169
Chakraborty, P.N., see Maity, P.C.	30 (1997) 147
Chang, J., see Zhang, J.	30 (1997) 299
Chen, F.R., see Chu, H.Y.	30 (1997) 369
Chen, L.J. and J.T. Lue, Nb ₃ Si films with zero resistance T_c at 11.9 K fabricated by	
sputtering Nb on Si substrates	30 (1997) 395
Chew, C.H., see Wang, J.	30 (1997) 119
Choe, H., see Hsieh, T.	30 (1997) 407
Choi, SC., see Jung, YG.	30 (1997) 339
Chong, P.F., see Wang, J.	30 (1997) 217
Chu, H.Y., F.R. Chen and T.B. Wu, Compositional evolution in aging duplex Fe-Mn-Al-C	
alloy	30 (1997) 369
Chu, R., see Li, S.	30 (1997) 305
ChuU, KJ., JW. Ha and TH. Park, Physical properties of the nascent polyethylenes	
prepared with different kinds of catalysts	30 (1997) 115
Cross, L.E., see Erdei, S.	30 (1997) 389
Das, G.C., see Basumallick, A.	30 (1997) 363
Deng, P., see Yin, H.	30 (1997) 29
Dharmaprakash, S.M., see Govinda Bhat, S.	30 (1997) 19
Donchev, T., see Stambolova, I.	30 (1997) 333
Driouch, L., see Grognet, S.	30 (1997) 253
Ee, L.S., see Wang, J.	30 (1997) 119
El-Refae, A.M., see Wahab, S.M.A.	30 (1997) 119 30 (1997) 183
El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of	30 (1997) 183
El-Refae, A.M., see Wahab, S.M.A.Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting	
El-Refae, A.M., see Wahab, S.M.A.Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc meltingErdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of	30 (1997) 183
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid 	30 (1997) 183 30 (1997) 1
El-Refae, A.M., see Wahab, S.M.A.Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc meltingErdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of	30 (1997) 183
El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu ³⁺ : YVO ₄ red and Ce ³⁺ , Tb ³⁺ : LaPO ₄ green phosphors by hydrolyzed colloid reaction (HCR) technique	30 (1997) 183 30 (1997) 1 30 (1997) 389
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59
El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu ³⁺ : YVO ₄ red and Ce ³⁺ , Tb ³⁺ : LaPO ₄ green phosphors by hydrolyzed colloid reaction (HCR) technique	30 (1997) 183 30 (1997) 1 30 (1997) 389
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Gan, L.M., see Wang, J. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217 30 (1997) 401
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217 30 (1997) 401 30 (1997) 47
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. Gnanasekaran, T., see Jayaraman, V. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217 30 (1997) 401
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. Gnanasekaran, T., see Jayaraman, V. Gogova, D.S., Optical and structural characterization of tungsten-based CVD metal oxide 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217 30 (1997) 401 30 (1997) 47 30 (1997) 157
El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu ³⁺ : YVO ₄ red and Ce ³⁺ , Tb ³⁺ : LaPO ₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. Gnanasekaran, T., see Jayaraman, V. Gogova, D.S., Optical and structural characterization of tungsten-based CVD metal oxide coatings	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217 30 (1997) 401 30 (1997) 47 30 (1997) 157 30 (1997) 109
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. Gnanasekaran, T., see Jayaraman, V. Gogova, D.S., Optical and structural characterization of tungsten-based CVD metal oxide coatings Golden, S.J., see Yamashita, T. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 19 30 (1997) 217 30 (1997) 401 30 (1997) 47 30 (1997) 47 30 (1997) 157 30 (1997) 109 30 (1997) 223
El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu ³⁺ : YVO ₄ red and Ce ³⁺ , Tb ³⁺ : LaPO ₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. Gnanasekaran, T., see Jayaraman, V. Gogova, D.S., Optical and structural characterization of tungsten-based CVD metal oxide coatings Golden, S.J., see Yamashita, T. Gomez, R., see Lopez, T.	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 29 30 (1997) 119 30 (1997) 217 30 (1997) 401 30 (1997) 47 30 (1997) 157 30 (1997) 109
 El-Refae, A.M., see Wahab, S.M.A. Elanski, D., K. Mimura, T. Ito and M. Isshiki, Purification of tantalum by means of hydrogen plasma arc melting Erdei, S., F.W. Ainger, D. Ravichandran, W.B. White and L.E. Cross, Preparation of Eu³⁺: YVO₄ red and Ce³⁺, Tb³⁺: LaPO₄ green phosphors by hydrolyzed colloid reaction (HCR) technique Ferretti, M., see Antolini, E. Furubayashi, E., see Xu, Y. Gan, F., see Yin, H. Gan, L.M., see Wang, J. Geng, L., YS. Na and NK. Park, Continuous cooling transformation behavior of Alloy 718 Giniewicz, J.R., see Wang, J.F. Gnanasekaran, T., see Jayaraman, V. Gogova, D.S., Optical and structural characterization of tungsten-based CVD metal oxide coatings Golden, S.J., see Yamashita, T. 	30 (1997) 183 30 (1997) 1 30 (1997) 389 30 (1997) 59 30 (1997) 189 30 (1997) 19 30 (1997) 217 30 (1997) 401 30 (1997) 47 30 (1997) 47 30 (1997) 157 30 (1997) 109 30 (1997) 223

Grigoriew, H., see Łukasiewicz, A. Grognet, S., H. Atmani, L. Driouch, R. Krishnan and P. Vigier, Thermomagnetic and	30 (1997) 83
thermochemical behaviour of amorphous $Fe_{1-x}Dy_x$ ribbons (Materials Letters 28 (1996)	20 (1007) 252
113)	30 (1997) 253
Gui, ZL., see Wang, PJ.	30 (1997) 275
Guo, F., see Li, S.	30 (1997) 305
Guo, S.Y., see Bing, Y.H.	30 (1997) 315
Ha, JW., see ChuU, KJ.	30 (1997) 115
Hamza, S.S., The role of carbon black on the elastic behaviour of EPDM/LDPE blend	30 (1997) 153
Han, W., see Miao, W.	30 (1997) 411
Han, X.D., R. Wang, Z. Zhang and D.Z. Yang, In situ observations of the reverse	
martensitic transformations in a TiNiHf high temperature shape memory alloy	30 (1997) 23
Hartridge, A., see Bhattacharya, A.K.	30 (1997) 7
Hassan, R.M., see Wahab, S.M.A.	30 (1997) 183
He, J.L., W.Z. Li and H.D. Li, Hardness study of nanoscale TiN/Pt multilayers	30 (1997) 15
Herda, E., R. Higuchi-Rusli and Parangtopo, Effects of palladium on the thermal behavior	, , , , , , , , , , , , , , , , , , , ,
of the γ_1 -phase of the Ag-Sn-Cu dental amalgam	30 (1997) 347
Higuchi-Rusli, R., see Herda, E.	30 (1997) 347
Hou, W.B., see Bing, Y.H.	30 (1997) 315
Hsieh, T., H. Choe, E.J. Lavernia and J. Wolfenstine, The effect of Si ₃ N ₄ on the thermal	(/
expansion behavior of MoSi ₂	30 (1997) 407
Huang, CY. and S.R. Sheen, Synthesis of nanocrystalline and monodispersed copper	
particles of uniform spherical shape	30 (1997) 357
Iijima, S., see Qin, L.C.	30 (1997) 311
Inoue, A., see Matsuzaki, K.	30 (1997) 99
Isshiki, M., see Elanski, D.	30 (1997) 1
Ito, T., see Elanski, D.	30 (1997) 1
no, 1., see Elanski, D.	30 (1997)
Jana, S. and P.K. Biswas, Characterization of oxygen deficiency and trivalent zirconium in	
sol-gel derived zirconia films	30 (1997) 53
Jayaraman, V., T. Gnanasekaran and G. Periaswami, Low-temperature synthesis of β -	
aluminas by a sol-gel technique	30 (1997) 157
Jiang, M.H., see Bing, Y.H.	30 (1997) 315
Jin, BM., see Jung, HR.	30 (1997) 41
Jin, B.M., I.W. Kim, W.B. White and A.S. Bhalla, Modification of UV-VIS optical	
absorption properties caused by MgO incorporation in MgO-doped LiNbO3 crystals	30 (1997) 385
Ju, J.J., see Kwon, T.Y.	30 (1997) 293
Jung, HR., BM. Jin, JW. Cha and JN. Kim, Piezoelectric and elastic properties of	
Li ₂ B ₄ O ₇ single crystal	30 (1997) 41
Jung, YG., SW. Park and SC. Choi, Effect of CH ₄ and H ₂ on CVD of SiC and TiC for	
possible fabrication of SiC/TiC/C FGM	30 (1997) 339
Kaszuwara, W., see Łukasiewicz, A.	30 (1997) 83
Kato, S., see Nakahara, Y.	30 (1997) 163
Khoury, J.T., see Murthy, S.	30 (1997) 321
Khristov, M., see Stambolova, I.	30 (1997) 321
Milistor, 141., see Stallioolova, 1.	30 (1771) 333

Kim, D.J., see Kwon, T.Y.	30 (1997) 293
Kim, H.K., see Kwon, T.Y.	30 (1997) 293
Kim, I.W., see Jin, B.M.	30 (1997) 385
Kim, JN., see Jung, HR.	30 (1997) 41
Kim, J.N., see Kwon, T.Y.	30 (1997) 293
Kindyak, A.S., V.V. Kindyak and Ya.J. Latushko, The structure of the fundamental	
absorption edge of thin CuIn(Te _{0.15} Se _{0.85}) ₂ films	30 (1997) 265
Kindyak, V.V., see Kindyak, A.S.	30 (1997) 265
Klebanov, M., see Lyubin, V.	30 (1997) 79
Kolobov, A.V., see Lyubin, V.	30 (1997) 79
Konstantinov, K., see Stambolova, I.	30 (1997) 333
Kovacheva, D., see Stambolova, I.	30 (1997) 333
Krishnan, R., see Grognet, S.	30 (1997) 253
Kwon, T.Y., J.J. Ju, H.K. Kim, D.J. Kim, J.W. Cha, J.N. Kim, S.I. Yun and M. Cha,	30 (1771) 233
Quadratic nonlinear optical coefficients of pure and MgO-doped lithium diborate	
	20 (1007) 202
crystals	30 (1997) 293
Lakshminarayana, K. and V.V.R. Narasimha Rao, Pyroelectric behaviour of polyvinyl	
alcohol (PVA)-polyvinyl pyrrolidone (PVP) polymer blend films	30 (1997) 65
Latushko, Ya.J., see Kindyak, A.S.	
	30 (1997) 265
Lavernia, E.J., see Hsieh, T.	30 (1997) 407
Leite, E.R., see Muccillo, R.	30 (1997) 125
Leonowicz, M., see Łukasiewicz, A.	30 (1997) 83
Li, H.D., see He, J.L.	30 (1997) 15
Li, LT., see Wang, PJ.	30 (1997) 275
Li, S., K. Lu, F. Guo, R. Chu and Z. Wang, The strength of amorphous and nanocrystalline	
FeMoSiB alloys	30 (1997) 305
Li, Sd., Ws. Sun and Mx. Quan, Crystallization and magnetic properties of melt-spun	
two-phase nanocrystalline Nd-Fe-B alloy	30 (1997) 351
Li, W.Z., see He, J.L.	30 (1997) 15
Lin, C., see Yang, P.	30 (1997) 245
Liu, C., see Zheng, W.	30 (1997) 93
Liu, C.T., see Wu, T.I.	30 (1997) 377
Liu, M.G., see Bing, Y.H.	30 (1997) 315
Liu, Z.G., see Meng, X.K.	30 (1997) 137
Longo, E., see Muccillo, R.	30 (1997) 125
Lopez, T., E. Ramos, P. Bosch, M. Asomoza and R. Gomez, DTA and TGA characteriza-	00 (1))// 120
tion of sol-gel hydrotalcites	30 (1997) 279
Lu, K., see Li, S.	30 (1997) 305
Lue, J.T., see Chen, L.J.	30 (1997) 395
Łukasiewicz, A. and L. Waliś, Organic fibres impregnated with polymerized aminotriazole	30 (1991) 393
complexes with transition metals	30 (1997) 249
· ·	30 (1997) 249
Łukasiewicz, A., L. Waliś, H. Grigoriew, W. Kaszuwara and M. Leonowicz, New	
ferromagnetic materials containing free metal and metal carbide phases from aminotria-	20 (1007) 02
zole complexes with transition metals	30 (1997) 83
Lyubin, V., T. Tada, M. Klebanov, N.N. Smirnova, A.V. Kolobov and K. Tanaka,	20 (1007) 70
Photostructural transformations induced by IR radiation in As-Se-Te glassy films	30 (1997) 79

Mackingon I.D.D. and Phonocus A	20 (1007) 100
Mackinnon, I.D.R., see Bhargava, A.	30 (1997) 199
Mackinnon, I.D.R., see Yamashita, T.	30 (1997) 223
Maiti, H.S., see Chakrabarti, N.	30 (1997) 169
Maity, P.C., P.N. Chakraborty and S.C. Panigrahi, Al-Al ₂ O ₃ in situ particle composites by	20 (1007) 147
reaction of CuO particles in molten pure Al	30 (1997) 147
Makino, K., see Nakahara, Y.	30 (1997) 163
Mallick, K.K., see Bhattacharya, A.K.	30 (1997) 7
Man, H.C., see Zhang, X.M.	30 (1997) 327
Masumoto, T., see Matsuzaki, K.	30 (1997) 99
Matsuzaki, K., K. Shimizu, A. Inoue and T. Masumoto, Fabrication of Ag/Bi2223	
multilayer tapes by the "jelly roll" method	30 (1997) 99
Meng, X.K., Z.G. Liu and A.H.W. Ngan, Low strain rate deformation study in a two-phase	
TiAl based intermetallic alloy	30 (1997) 137
Miao, W., Y. Wu, H. Zhou, W. Han and F. Ru, Low-temperature sintering of AlN ceramics	
with shock wave treated powder	30 (1997) 411
Mimura, K., see Elanski, D.	30 (1997) 1
Ming, Nb., see Qin, Yq.	30 (1997) 231
Mitose, K., see Xu, Y.	30 (1997) 189
Muccillo, R., J.A. Cerri, E.R. Leite, E. Longo and J.A. Varela, Impedance spectroscopy of	
SnO ₂ : CoO during sintering	30 (1997) 125
Mukherjee, S., see Basumallick, A.	30 (1997) 363
Murthy, S., T.P. Bigioni, Z.L. Wang, J.T. Khoury and R.L. Whetten, Liquid-phase	
synthesis of thiol-derivatized silver nanocrystals	30 (1997) 321
	20 (222.) 222
Na, YS., see Geng, L.	30 (1997) 401
Nairn, J., see Skennerton, G.	30 (1997) 141
Nakahara, Y., S. Kato, M. Sugai, Y. Ohshima and K. Makino, Synthesis and crystal	
structure of $(Sr_{1-x}Ca_x)_2$ FeMnO _y $(x = 0-1.0)$	30 (1997) 163
Narasimha Rao, V.V.R., see Lakshminarayana, K.	30 (1997) 65
Neumark, G.F., Wide bandgap light-emitting devices materials and doping problems	30 (1997) 131
Ng, S.C., see Wang, J.	30 (1997) 119
Ng, S.C., see Wang, J.	30 (1997) 217
Ngan, A.H.W., see Meng, X.K.	30 (1997) 137
- 18 mm, - 17 mm, 500 - 17 mm, 5 mm, 18 mm,	20 (1)) // 12/
Ochina, P., see Xing, L.Q.	30 (1997) 283
Ohshima, Y., see Nakahara, Y.	30 (1997) 163
Otsuka, K., see Xu, Y.	30 (1997) 189
Page, D., see Yamashita, T.	30 (1997) 223
Pang, W., see Zheng, W.	30 (1997) 93
Panigrahi, S.C., see Maity, P.C.	30 (1997) 147
Parangtopo, , see Herda, E.	30 (1997) 347
Park, NK., see Geng, L.	30 (1997) 401
Park, SW., see Jung, YG.	30 (1997) 339
Park, TH., see ChuU, KJ.	30 (1997) 115
Peiró, D., J. Bertomeu, F. Arrando and J. Andreu, Stress measurements in polycrystalline	
silicon films grown by hot-wire chemical vapor deposition	30 (1997) 239
Periaswami, G., see Jayaraman, V.	30 (1997) 157

Peshev, P., see Stambolova, I.	30 (1997) 333
Plugaru, N., see Sorescu, M.	30 (1997) 235
Pramanik, P., see Adak, A.K.	30 (1997) 269
Qin, L.C. and S. Iijima, Fibrilliform growth of carbon nanotubes Qin, Yq., Yy. Zhu, Sn. Zhu, H. Shu and Nb. Ming, Electron probe microanalysis of	30 (1997) 311
periodic domain inversion in LiNbO ₃ by Ti diffusion	30 (1997) 231
Quan, Mx., see Li, Sd.	30 (1997) 351
Radwan, F.A., see Wahab, S.M.A.	30 (1997) 183
Ramos, E., see Lopez, T.	30 (1997) 279
Ravichandran, D., see Erdei, S.	30 (1997) 389
Rodríguez, R. and P. Salinas, A study of the kinetics of gelation of silica particles induced	
by lead ions in alcoholic solution	30 (1997) 73
Ru, F., see Miao, W.	30 (1997) 411
Salinas, P., see Rodríguez, R.	30 (1997) 73
Schwartz, J., see Bhargava, A.	30 (1997) 199
Sheen, S.R., see Huang, CY.	30 (1997) 357
Shimizu, K., see Matsuzaki, K.	30 (1997) 99
Shu, H., see Qin, Yq.	30 (1997) 231
Skennerton, G., J. Nairn and A. Atrens, Atmospheric corrosion of copper at Heron Island	30 (1997) 141
Smirnova, N.N., see Lyubin, V.	30 (1997) 79
Sorescu, M., R.A. Brand, N. Plugaru and D. Barb, A Mössbauer study of Y ₃ Co _{11-x} Fe _x B ₄	
compounds	30 (1997) 235
Sreedharan, O.M., see Subasri, R.	30 (1997) 289
Srinivas, G. and V.D. Vankar, Microstructural studies of molybdenum silicide thin films by	
spectroscopic ellipsometry	30 (1997) 35
Srinivas, G. and V.D. Vankar, Raman spectroscopy of polycrystalline molybdenum silicide	
thin films	30 (1997) 209
Stambolova, I., K. Konstantinov, D. Kovacheva, M. Khristov, P. Peshev and T. Donchev, Spray pyrolysis deposition of polycrystalline magnesia films and their use as buffer	
layers in Bi(Pb)-Sr-Ca-Cu-O/MgO/Al ₂ O ₃ (or glass ceramics) structures	30 (1997) 333
Subasri, R. and O.M. Sreedharan, High-temperature thermodynamic stability of LiTa ₃ O ₈	
from emf measurements using alpha + beta alumina as solid electrolyte	30 (1997) 289
Sugai, M., see Nakahara, Y.	30 (1997) 163
Sun, S.Y., see Bing, Y.H.	30 (1997) 315
Sun, Ws., see Li, Sd.	30 (1997) 351
Sun, Y.R., see Bhargava, A.	30 (1997) 199
Tada, T., see Lyubin, V.	30 (1997) 79
Tanaka, K., see Lyubin, V.	30 (1997) 79
Tao, K., see Zhang, J.	30 (1997) 299
Thompson, A.G., MOCVD technology for semiconductors	30 (1997) 255
Ueki, T., see Xu, Y.	30 (1997) 189
Vankar, V.D., see Srinivas, G.	30 (1997) 209
Vankar, V.D., see Srinivas, G.	30 (1997) 35

Varela, J.A., see Muccillo, R.	30 (1997) 125
Vigier, P., see Grognet, S.	30 (1997) 253
Wahab, S.M.A., M.A. Ahmed, F.A. Radwan, R.M. Hassan and A.M. El-Refae, Relative	
permittivity and electrical conductivity of some divalent metal alginate complexes	30 (1997) 183
Waliś, L., see Łukasiewicz, A.	30 (1997) 249
Waliś, L., see Łukasiewicz, A.	30 (1997) 83
Wan, WK. and ST. Wu, Epitaxial TiSi ₂ on silicon by rapid thermal annealing	30 (1997) 105
Wang, J., L.S. Ee, S.C. Ng, C.H. Chew and L.M. Gan, Reduced crystallization temperature	(
in a microemulsion-derived zirconia precursor	30 (1997) 119
Wang, J., P.F. Chong, S.C. Ng and L.M. Gan, Microemulsion processing of manganese	(
zinc ferrites	30 (1997) 217
Wang, J.F., J.R. Giniewicz and A.S. Bhalla, Piezoelectric properties of modified lead	(100=)
scandium tantalate ceramics	30 (1997) 47
Wang, PJ., ZQ. Zeng, ZL. Gui and LT. Li, Strontium-lead titanate ceramics with	20 (1007) 277
positive temperature coefficient of resistance	30 (1997) 275
Wang, R., see Han, X.D.	30 (1997) 23
Wang, Z., see Li, S.	30 (1997) 305
Wang, Z.G., see Zhang, G.P.	30 (1997) 175
Wang, Z.L., see Murthy, S.	30 (1997) 321
Whetten, R.L., see Murthy, S.	30 (1997) 321
White, W.B., see Erdei, S.	30 (1997) 389
White, W.B., see Jin, B.M.	30 (1997) 385
Wolfenstine, J., see Hsieh, T.	30 (1997) 407
Wu, J.K., see Wu, T.I.	30 (1997) 377
Wu, ST., see Wan, WK.	30 (1997) 105
Wu, T.B., see Chu, H.Y.	30 (1997) 369
Wu, T.I., C.T. Liu and J.K. Wu, Use of thiourea to inhibit the incorporation of hydrogen in	20 (1007) 277
Ti and Ti-6Al-4V alloy	30 (1997) 377
Wu, Y., see Miao, W.	30 (1997) 411
Xing, L.Q. and P. Ochina, Glass forming ability and crystallization characteristics of	
Zr-Ti-Al-Cu-Ni alloys	30 (1997) 283
Xu, D., see Bing, Y.H.	30 (1997) 315
Xu, H.Y., see Bing, Y.H.	30 (1997) 315
Xu, Y., K. Otsuka, E. Furubayashi, T. Ueki and K. Mitose, Recovery and recrystallization	30 (1771) 313
in the Ti ₅₀ Pd ₅₀ martensite	30 (1997) 189
in the 11501 d ₅₀ martensite	30 (1)31) 103
Yamashita, T., A. Bhargava, S.J. Golden, J.C. Barry, D. Page and I.D.R. Mackinnon,	
Melt-textured YBa ₂ Cu ₃ O _{7-x} wires having plate-like grains	30 (1997) 223
Yamashita, T., see Bhargava, A.	30 (1997) 199
Yang, D.Z., see Han, X.D.	30 (1997) 23
Yang, P., L. Zheng and C. Lin, Electrical characteristics of SrBi ₂ Ta ₂ O ₉ thin films prepared	, , , , , , , , , , , , , , , , , , , ,
by pulsed laser deposition	30 (1997) 245
Ye, X., see Zhang, J.	30 (1997) 299
Yin, H., P. Deng, J. Zhang and F. Gan, Determination of emission cross section of Yb ³⁺ in	
glasses by the reciprocity method	30 (1997) 29
Yin, X., see Bing, Y.H.	30 (1997) 315

Yuan, D.R., see Bing, Y.H.	30 (1997) 315
Yue, T.M., see Zhang, X.M.	30 (1997) 327
Yue, Y., see Zheng, W.	30 (1997) 93
Yun, S.I., see Kwon, T.Y.	30 (1997) 293
Zeng, ZQ., see Wang, PJ.	30 (1997) 275
Zhang, G.P. and Z.G. Wang, Crystallographic cracking behavior in (110) oriented Ni ₃ Al	
alloy single crystals under cyclic loading	30 (1997) 175
Zhang, H.J., see Bing, Y.H.	30 (1997) 315
Zhang, J., X. Ye, J. Chang and K. Tao, Flexural strength change of silicon nitride	
implanted by high dose titanium ions	30 (1997) 299
Zhang, J., see Yin, H.	30 (1997) 29
Zhang, Q., see Bing, Y.H.	30 (1997) 315
Zhang, X.M., T.M. Yue and H.C. Man, Enhancement of ceramic-to-metal adhesive	
bonding by excimer laser surface treatment	30 (1997) 327
Zhang, Z., see Han, X.D.	30 (1997) 23
Zheng, L., see Yang, P.	30 (1997) 245
Zheng, W., C. Liu, Y. Yue and W. Pang, Hydrothermal synthesis and characterization of	
$BaZr_{1-x}M_xO_{3-\alpha}$ (M = Al, Ga, In, $x \le 0.20$) series oxides	30 (1997) 93
Zhou, H., see Miao, W.	30 (1997) 411
Zhu, Sn., see Qin, Yq.	30 (1997) 231
Zhu, Yy., see Qin, Yq.	30 (1997) 231